

IN THE CLAIMS:

1.-7. (cancelled)

8. (new) A transfer box comprising:

a housing;

an input shaft;

a first output shaft extending coaxially relative to said input shaft;

a second output shaft extending parallel to said first output shaft and said input shaft; and

a differential gear assembly arranged between said input and first output shafts, wherein the input shaft carries a spider member with a plurality of radial bearing arms for the differential gears, wherein a first side gear is connected in a rotationally fast way to the first output shaft and wherein a second side gear is rotatably supported on the input shaft and drives the second output shaft, wherein the differential gears are spur gears and the side gears are crown gears and wherein the teeth of the differential gears engage the teeth of the side gears.

9. (new) A transfer box according to claim 8, wherein a gearwheel or sprocket wheel for driving the second output shaft via a gearwheel stage or chain drive is integrally connected to the second side gear.

10. (new) A transfer box according to claim 8, wherein the input shaft and the first output shaft are each singly supported in the housing, and the input shaft is supported by a journal projection in a countersunk end portion of the first output shaft.

11. (new) A transfer box according to claim 9, wherein the input shaft and the first output shaft are each singly supported in the housing, and the input shaft is supported by a journal projection in a countersunk end portion of the first output shaft.

12. (new) A transfer box according to claim 8, wherein the side gears are axially outwardly supported in opposite directions in the housing via bearings of the input shaft and the first output shaft.

13. (new) A transfer box according to claim 9, wherein the side gears are axially outwardly supported in opposite directions in the housing via bearings of the input shaft and the first output shaft.

14. (new) A transfer box according to claim 10, wherein the side gears are axially outwardly supported in opposite directions in the housing via bearings of the input shaft and the first output shaft.

15. (new) A transfer box according to claim 8, wherein the side gears are axially supported on one another, wherein at a first one of the side gears, there is axially firmly arranged a carrier which extends over the other one of the side gears and via which the other one of the side gears is axially supported on the first one of the side gears.

16. (new) A transfer box according to claim 9, wherein the side gears are axially supported on one another, wherein at a first one of the side gears, there is axially firmly arranged a carrier which extends over the other one of the side gears and via which the other one of the side gears is axially supported on the first one of the side gears.

17. (new) A transfer box according to claim 10, wherein the side gears are axially supported on one another, wherein at a first one of the side gears, there is axially firmly arranged a carrier which extends over the other one of the side gears and via which the other one of the side gears is axially supported on the first one of the side gears.

18. (new) A transfer box according to claim 15, wherein between the carrier and the second one of the side gears, there is arranged an axial bearing or friction discs for axial support.

19. (new) A transfer box according to claim 16, wherein between the carrier and the second one of the side gears, there is arranged an axial bearing or friction discs for axial support.

20. (new) A transfer box according to claim 17, wherein between the carrier and the second one of the side gears, there is arranged an axial bearing or friction discs for axial support.

21. (new) A transfer box according to claim 8, wherein the side gears comprise different rolling circle radii to provide a non-uniform torque distribution between the output shafts.

22. (new) A transfer box according to claim 9, wherein the side gears comprise different rolling circle radii to provide a non-uniform torque distribution between the output shafts.

23. (new) A transfer box according to claim 10, wherein the side gears comprise different rolling circle radii to provide a non-uniform torque distribution between the output shafts.

24. (new) A transfer box according to claim 12, wherein the side gears comprise different rolling circle radii to provide a non-uniform torque distribution between the output shafts.

25. (new) A transfer box according to claim 15, wherein the side gears comprise different rolling circle radii to provide a non-uniform torque distribution between the output shafts.

26. (new) A transfer box according to claim 18, wherein the side gears comprise different rolling circle radii to provide a non-uniform torque distribution between the output shafts.